



**LABORATORY REPORT**

Name : Mrs. Angana Yash Dave  
Sex/Age : Female/27 Years  
Ref. By :  
Client Name : Mediwheel

Reg. No : 208101455  
Reg. Date : 27-Aug-2022 09:18 AM  
Collected On : 27-Aug-2022 09:18 AM  
Report Date : 27-Aug-2022 02:56 PM

**Medical Summary**

**GENERAL EXAMINATION**

Height (cms) :160

Weight (kgs) :83.0

Blood Pressure : 110/70mmHg

Pulse : 89/Min

No Clubbing/Cynosis/Pallor/PedelOedem

Systemic Examination:

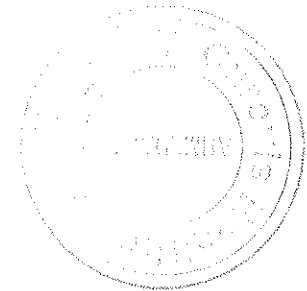
Cardio vascular System - S1,S2 Normal, No Murmur

Respiratory system - AEBE

Central Nervous System - No FND

Abdomen - Soft, Non Tender, No Organomegaly

Epilepsy – N/A



This is an electronically authenticated report

**Dr. Jay Soni**  
M.D, GENERAL MEDICINE




**TEST REPORT**

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<b>Age/Sex</b> : 27 Years / Female	<b>Pass. No.</b> :	<b>Tele No.</b> : 7600900738
<b>Ref. By</b> :		<b>Dispatch At</b> :
<b>Location</b> : CHPL		<b>Sample Type</b> : EDTA Whole Blood

Parameter	Results	Unit	Biological Ref. Interval
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**COMPLETE BLOOD COUNT (CBC)**  
**Specimen: EDTA blood**

Hemoglobin (Spectrophotometric Measurement)	12.8	g/dL	12.5 - 16.0
Hematocrit (Calculated)	39.80	%	37 - 47
RBC Count (Volumetric Impedance)	4.63	million/cmm	4.2 - 5.4
MCV (Calculated)	86.0	fL	78 - 100
MCH (Calculated)	27.6	Pg	27 - 31
MCHC (Calculated)	32.1	%	31 - 35
RDW (Calculated)	13.3	%	11.5 - 14.0
WBC Count (Volumetric Impedance)	10500	/cmm	4000 - 10500
MPV (Calculated)	7.9	fL	7.4 - 10.4

<u>DIFFERENTIAL WBC COUNT</u>	[ % ]		EXPECTED VALUES	[ Abs ]	EXPECTED VALUES
Neutrophils (%)	70.40	%	42.02 - 75.2	7392 /cmm	2000 - 7000
Lymphocytes (%)	23.20	%	20 - 45	2436 /cmm	1000 - 3000
Eosinophils (%)	1.70	%	0 - 6	462 /cmm	200 - 1000
Monocytes (%)	4.40	%	2 - 10	179 /cmm	20 - 500
Basophils (%)	0.30	%	0 - 1	32 /cmm	0 - 100


**PERIPHERAL SMEAR STUDY**

RBC Morphology : Normocytic and Normochromic.  
 WBC Morphology : Normal

**PLATELET COUNTS**

Platelet Count (Volumetric Impedance) : 377000 /cmm 150000 - 450000  
 Platelets : Platelets are adequate with normal morphology.  
 Parasites : Malarial parasite is not detected.  
 Comment : -

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 \* This test has been out sourced.

  
**Approved By :** Dr. Keyur V Patel  
 MB, DCP

**Generated On :** 29-Aug-2022 10:22 AM

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**HEMATOLOGY**
**BLOOD GROUP & RH**

Specimen: EDTA and Serum; Method: Forward Reverse Tube Agglutination

<b>ABO</b>	"O"
<b>Rh (D)</b>	Positive
<b>Note</b>	-

**ERYTHROCYTE SEDIMENTATION RATE [ESR]**

<b>ESR (After 1 hour)</b> <i>Infra red measurement</i>	03	mm/hr	ESR AT 1 hour : 3-12 ESR AT 2 hour : 13-20
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**ERYTHRO SEDIMENTATION RATE, BLOOD -**

Erythrocyte sedimentation rate (ESR) is a non-specific phenomena and is clinically useful in the diagnosis and monitoring of disorders associated with an increased production of acute phase reactants. The ESR is increased in pregnancy from about the 3rd month and returns to normal by the 4th week post partum. ESR is influenced by age, sex, menstrual cycle and drugs (eg. corticosteroids, contraceptives). It is especially low (0-1mm) in polycythaemia, hypofibrinogenemia or congestive cardiac failure and when there are abnormalities or the red cells such as poikilocytosis, spherocytosis or sickle cells.

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<b>Ref. By</b> :		<b>Dispatch At</b> :
<b>Location</b> : CHPL		<b>Sample Type</b> : Flouride F

Parameter	Result	Unit	Biological Ref. Interval
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**FASTING PLASMA GLUCOSE**  
Specimen: Flouride plasma

Fasting Blood Sugar (FBS)	99.2	mg/dL	70 - 110
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*GOD-POD for glucose.*

Criteria for the diagnosis of diabetes

1. HbA1c  $\geq$  6.5 \*
- Or
2. Fasting plasma glucose  $>$ 126 gm/dL. Fasting is defined as no caloric intake at least for 8 hrs.
- Or
3. Two hour plasma glucose  $\geq$  200mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.
- Or
4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose  $\geq$  200 mg/dL.

\*In the absence of unequivocal hyperglycemia, criteria 1-3 should be confirmed by repeat testing.  
American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34:S11.

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<b>Location</b> : CHPL		<b>Sample Type</b> : Serum

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Lipid Profile

Cholesterol	254	mg/dL	Desirable: < 200 Boderline High: 200 - 239 High: > 240
<i>Enzymatic, colorimetric method</i>			
Triglyceride	238.4	mg/dL	Normal: < 150 Boderline High: 150 - 199 High: 200 - 499 Very High: > 500
<i>Enzymatic, colorimetric method</i>			
HDL Cholesterol	53.2	mg/dL	High Risk : < 40 Low Risk : = 60
<i>Accelerator selective detergent method</i>			
LDL	153.12	mg/dL	Optimal : < 100.0 Near / above optimal : 100-129 Borderline High : 130-159 High : 160-189 Very High : >190.0
<i>Calculated</i>			
VLDL	47.68	mg/dL	15 - 35
<i>Calculated</i>			
LDL / HDL RATIO	2.88		0 - 3.5
<i>Calculated</i>			
Cholesterol /HDL Ratio	4.77		0 - 5.0
<i>Calculated</i>			

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**BIO - CHEMISTRY**
LFT WITH GGT

<b>Total Protein</b> <i>Biuret Reaction</i>	7.05	gm/dL	6.3 - 8.2
<b>Albumin</b> <i>By Bromocresol Green</i>	4.35	g/dL	0 - 4 days: 2.8 - 4.4 4 days - 14 yrs: 3.8 - 5.4 14 - 19 yrs: 3.2 - 4.5 20 - 60 yrs: 3.5 - 5.2 60 - 90 yrs: 3.2 - 4.6 > 90 yrs: 2.9 - 4.5
<b>Globulin</b> <i>Calculated</i>	2.70	g/dL	2.3 - 3.5
<b>A/G Ratio</b> <i>Calculated</i>	1.61		0.8 - 2.0
<b>SGOT</b> <i>UV without P5P</i>	21.1	U/L	0 - 40
<b>SGPT</b> <i>UV without P5P</i>	20.2	U/L	0 - 40
<b>Alakaline Phosphatase</b> <i>p - Nitrophenylphosphate (PNPP)</i>	178.1	U/L	25 - 240
<b>Total Bilirubin</b> <i>Vanadate Oxidation</i>	0.47	mg/dL	0 - 1.2
<b>Conjugated Bilirubin</b>	0.16	mg/dL	0.0 - 0.4
<b>Unconjugated Bilirubin</b> <i>Sulph acid dpl/caff-benz</i>	0.31	mg/dL	0.0 - 1.1
<b>GGT</b> <i>SZASZ Method</i>	29.4	mg/dL	15 - 73

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**CUROVIS HEALTHCARE PVT. LTD.**

'B' Block, Mondeal Business Park, Near Gurudwara, Bodakdev, S.G. Highway, Ahmedabad - 380 054, Gujarat



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Parameter	Result	Unit	Biological Ref. Interval
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**BIO - CHEMISTRY**

<b>Uric Acid</b> <i>Enzymatic, colorimetric method</i>	3.87	mg/dL	Adult : 2.5 - 6.5 Child : 2.5 - 5.5
<b>Creatinine</b> <i>Enzymatic Method</i>	0.65	mg/dL	Adult : 0.55 - 1.02 Child : 0.5 - 1.0
<b>BUN</b> <i>UV Method</i>	8.0	mg/dL	Adult : 7.0 - 17.0 Child : 5.0 - 18.0

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**HEMOGLOBIN A1 C ESTIMATION**  
Specimen: Blood EDTA

*Hb A1C	5.4	% of Total Hb	Normal : < 5.7 % Pre-Diabetes : 5.7 % - 6.4 % Diabetes : 6.5 % or higher
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*Boronate Affinity with Fluorescent Quenching*

Mean Blood Glucose	108.28	mg/dL
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*Calculated*

**Degree of Glucose Control Normal Range:**

Poor Control >7.0% \*

Good Control 6.0 - 7.0 %\*\*Non-diabetic level < 6.0 %

\* High risk of developing long term complication such as retinopathy, nephropathy, neuropathy, cardiopathy, etc.

\* Some danger of hypoglycemic reaction in Type I diabetics.

\* Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1c levels in this area.

**EXPLANATION :-**

\*Total haemoglobin A1 c is continuously synthesised in the red blood cell through its 120 days life span. The concentration of HbA1c in the cell reflects the average blood glucose concentration it encounters.

\*The level of HbA1c increases proportionately in patients with uncontrolled diabetes. It reflects the average blood glucose concentration over an extended time period and remains unaffected by short-term fluctuations in blood glucose levels.

\*The measurement of HbA1c can serve as a convenient test for evaluating the adequacy of diabetic control and in preventing various diabetic complications. Because the average half life of a red blood cell is sixty days, HbA1c has been accepted as a measurement which reflects the mean daily blood glucose concentration, better than fasting blood glucose determination, and the degree of carbohydrate imbalance over the preceding two months.

\*It may also provide a better index of control of the diabetic patient without resorting to glucose loading procedures.


**HbA1c assay Interferences:**

\*Erroneous values might be obtained from samples with abnormally elevated quantities of other Haemoglobins as a result of either their simultaneous elution with HbA1c(HbF) or differences in their glycation from that of HbA(HbS)

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<b>Ref. By</b> :		<b>Dispatch At</b> :
<b>Location</b> : CHPL		<b>Sample Type</b> : Urine Spot

Test	Result	Unit	Biological Ref. Interval
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**URINE ROUTINE EXAMINATION**
**PHYSICAL EXAMINATION**

Quantity	30 cc
Colour	Pale Yellow
Clarity	Clear

**CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC)**


pH	6	4.6 - 8.0
Sp. Gravity	1.015	1.001 - 1.035
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Blood	Nil	

**MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)**

Leucocytes (Pus Cells)	Occasional/hpf	
Erythrocytes (Red Cells)	Nil	
Epithelial Cells	1 - 2/hpf	/hpf
Crystals	Absent	
Casts	Absent	
Amorphous Material	Absent	
Bacteria	Absent	

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Remarks

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**IMMUNOLOGY**
**THYROID FUNCTION TEST**

<b>*T3 (Triiodothyronine)</b>	1.40	ng/mL	0.6 - 1.81
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*CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY*

Triiodothyronine (T3) is a hormone synthesized and secreted by the thyroid gland in response to the pituitary hormone TSH (thyroid stimulating hormone) and is regulated by a negative feedback mechanism involving the thyroid gland, pituitary gland and hypothalamus.

In the circulation, 99.7% of T3 is reversibly bond to transport proteins, primarily thyroxine-binding globulin (TBG) and to a lesser extent albumin and prealbumin. The remaining unbound T3 is free in the circulation and is metabolically active.

In hypothyroidism and hyperthyroidism, F T3 (free T3) levels parallel changes in total T3 levels. Measuring F T3 is useful in certain conditions such as normal pregnancy and steroid therapy, when altered levels of total T3 occur due to changes in T3 binding proteins, especially TBG.

<b>*T4 (Thyroxine)</b>	10.80	ng/mL	3.2 - 12.6
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*CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY*

Thyroxin (T4) is a hormone synthesized and secreted by the thyroid gland in response to the pituitary hormone TSH (thyroid stimulating hormone) and is regulated by a negative feedback mechanism involving the thyroid gland, pituitary gland and hypothalamus. In the circulation, 99.95% of T4 is reversibly bond to transport proteins, primarily thyroxine-binding globulin (TBG) and to a lesser extent albumin and thyroxine-binding prealbumin. The remaining unbound T4 is free in the circulation and is both metabolically active and a precursor to triiodothyronine (T3).


In hypothyroidism and hyperthyroidism, F T4 (free T4) levels parallel changes in total T4 levels. Measuring FT4 is useful in certain conditions such as normal pregnancy and steroid therapy, when altered levels of total T4 occur due to changes in T4 binding proteins, especially TBG.

**Limitations:**

1. The anticonvulsant drug phenytoin may interfere with total and F T4 levels due to competition for TBG binding sites.
2. F T4 values may be decreased in patients taking carbamazepine.
3. Thyroid autoantibodies in human serum may interfere and cause falsely elevated F T4 results.

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**Ref. By** :      **Dispatch At** :  
**Location** : CHPL      **Sample Type** : Serum

**\*TSH**      3.316       $\mu$ U/ml      0.55 - 4.78  
*CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY*

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

First Trimester : 0.1 to 2.5  $\mu$ U/mL

Second Trimester : 0.2 to 3.0  $\mu$ U/mL

Third trimester : 0.3 to 3.0  $\mu$ U/mL


Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

----- End Of Report -----

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MB,DCP

**Generated On** : 29-Aug-2022 10:22 AM

**Approved On** : 27-Aug-2022 06:16 PM



**LABORATORY REPORT**

**Name** : Mrs. Angana Yash Dave  
**Sex/Age** : Female/27 Years  
**Ref. By** :  
**Client Name** : Mediwheel

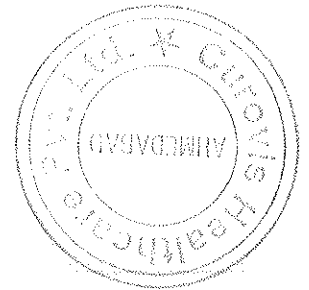
**Reg. No** : 208101455  
**Reg. Date** : 27-Aug-2022 09:18 AM  
**Collected On** : 27-Aug-2022 09:18 AM  
**Report Date** : 27-Aug-2022 02:56 PM

**Electrocardiogram**

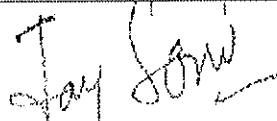
**Findings**

Normal Sinus Rhythm.

Within Normal Limit.



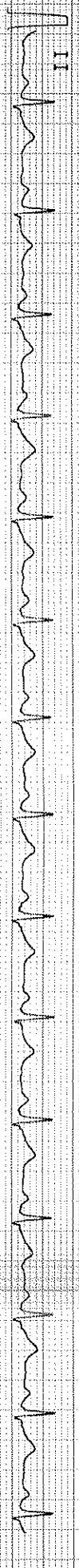
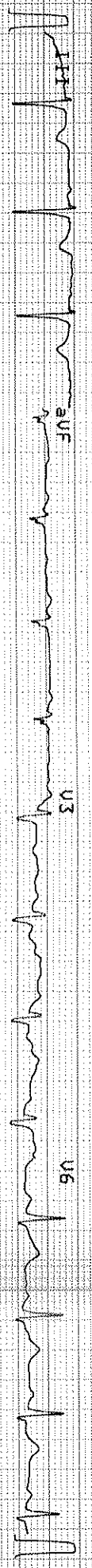
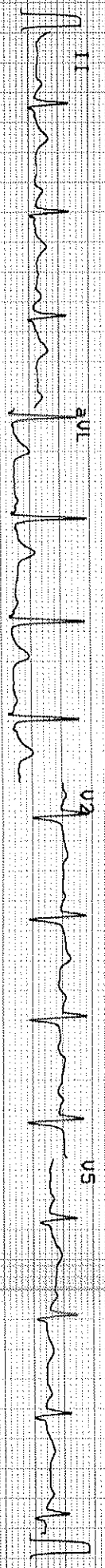
This is an electronically authenticated report



**Dr. Jay Soni**  
M.D, GENERAL MEDICINE

Hngana  
 Dave  
 10  
 28 years / 83 kg  
 Female

HR 89/min  
 Axis: P 30°  
 Intervals: QR5 -9°  
 RR 671 ms  
 P 98 ms  
 PR 130 ms  
 QR5 82 ms  
 QT 356 ms  
 QTc 440 ms  
 (Bazett)  
 10 mm/mV



10 mm/mV  
 25 mm/s

0.05-25 Hz F50 55F 585 27.08.2022 09:07:17

CUROVIS HEALTHCARE

AT-102plus 1.24 C  
 Part NO: 21570176 (C) 2012





**LABORATORY REPORT**

<b>Name</b> :	Mrs. Angana Yash Dave	<b>Reg. No</b> :	208101455
<b>Sex/Age</b> :	Female/27 Years	<b>Reg. Date</b> :	27-Aug-2022 09:18 AM
<b>Ref. By</b> :		<b>Collected On</b> :	27-Aug-2022 09:18 AM
<b>Client Name</b> :	Mediwheel	<b>Report Date</b> :	27-Aug-2022 02:56 PM

**2D Echo Colour Doppler**

**OBSERVATION:**

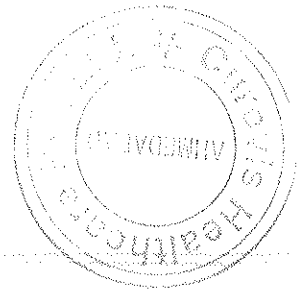
2 D Echo and color flow studies were done in long and short axis, apical and Sub coastal views.

1. Normal LV size. No RWMA at rest.
2. Normal RV and RA. No Concentric LVH.
3. All Four valves are structurally normal.
4. Good LV systolic function. LVEF = 60%.
5. Normal LV Compliance.
6. Trivial TR. Mild MR. No AR.
7. Mild PAH. RVSP = 42 mmHG.
8. Intact IAS and IVS.
9. No Clot, No Vegetation.
10. No pericardial effusion.

**CONCLUSION**

1. Normal LV size with Good LV systolic function.
2. No Concentric LVH . Normal LV Compliance
3. Trivial TR with Mild PAH. Mild MR. No AR
4. No RWMA at rest.

**This echo doesn't rule out any kind of congenital cardiac anomalies.**



This is an electronically authenticated report



**Dr. Jay Soni**  
M.D, GENERAL MEDICINE



**LABORATORY REPORT**

Name : Mrs. Angana Yash Dave  
Sex/Age : Female/27 Years  
Ref. By :  
Client Name : Mediwheel

Reg. No : 208101455  
Reg. Date : 27-Aug-2022 09:18 AM  
Collected On :  
Report Date : 27-Aug-2022 03:44 PM

**X RAY CHEST PA**

Both lung fields appear clear.

No evidence of any active infiltrations or consolidation.

Cardiac size appears within normal limits.

Both costo-phrenic angles appear free of fluid.

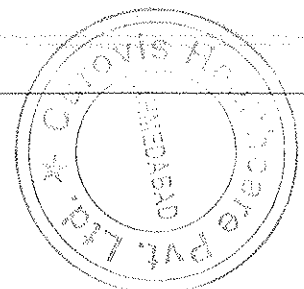
Both domes of diaphragm appear normal.

**COMMENT: No significant abnormality is detected.**

----- End Of Report -----

This is an electronically authenticated report

**DR DHAIVAL PATEL**  
Consultant Radiologist  
MB,DMRE  
Reg No:0494





**LABORATORY REPORT**

<b>Name</b> :	Mrs. Angana Yash Dave	<b>Reg. No</b> :	208101455
<b>Sex/Age</b> :	Female/27 Years	<b>Reg. Date</b> :	27-Aug-2022 09:18 AM
<b>Ref. By</b> :		<b>Collected On</b> :	
<b>Client Name</b> :	Mediwheel	<b>Report Date</b> :	27-Aug-2022 03:44 PM

**USG ABDOMEN**

**Liver** appears normal in size & increased in echogenicity. No evidence of focal solid or cystic lesion seen. No evidence of dilatation of intra-hepatic biliary or portal radicals. PV is normal in caliber.

**Gall bladder** is normally distended. No evidence of calculus or mass seen. Gall bladder wall thickness appears normal.

**Pancreas** Visualized portion appears normal in size and echopattern. No evidence of focal lesions.

**Spleen** appears normal in size & echopattern. No evidence of focal lesions.

**Both kidneys** are normal in size, shape and position. C.M. differentiation on both sides is maintained. No evidence of hydronephrosis, calculus or solid mass on either side.

**Urinary bladder** is partially distended. No evidence of calculus or mass.

**Uterus** appears normal. No adnexal mass is seen.

No evidence of free fluid in peritoneal cavity.

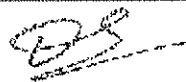
*No evidence of para-aortic lymph adenopathy.*

*No evidence of dilated small bowel loops.*

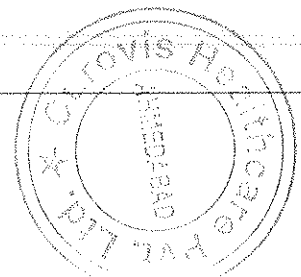
**COMMENTS :**

**Grade I fatty liver.**

This is an electronically authenticated report



**DR DHAVAL PATEL**  
Consultant Radiologist  
MB,DMRE  
Reg No:0494




**LABORATORY REPORT**

Name : Mrs. Angana Yash Dave  
 Sex/Age : Female/27 Years  
 Ref. By :  
 Client Name : Mediwheel

Reg. No : 208101455  
 Reg. Date : 27-Aug-2022 09:18 AM  
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### Eye Check - Up

No Eye Complaints

#### RIGHT EYE

SP:-1.25

CY: -0.50

AX: 97

#### LEFT EYE

SP : -1.00

CY : -1.50

AX :46

	Without Glasses	With Glasses
Right Eye	6/18	N.A
Left Eye	6/18	N.A

Near Vision: Right Eye - N/6, Left Eye - N/6

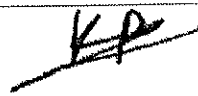
Fundus Examination - Within Normal Limits.

ColorVision : Normal

Comments: Normal



This is an electronically authenticated report

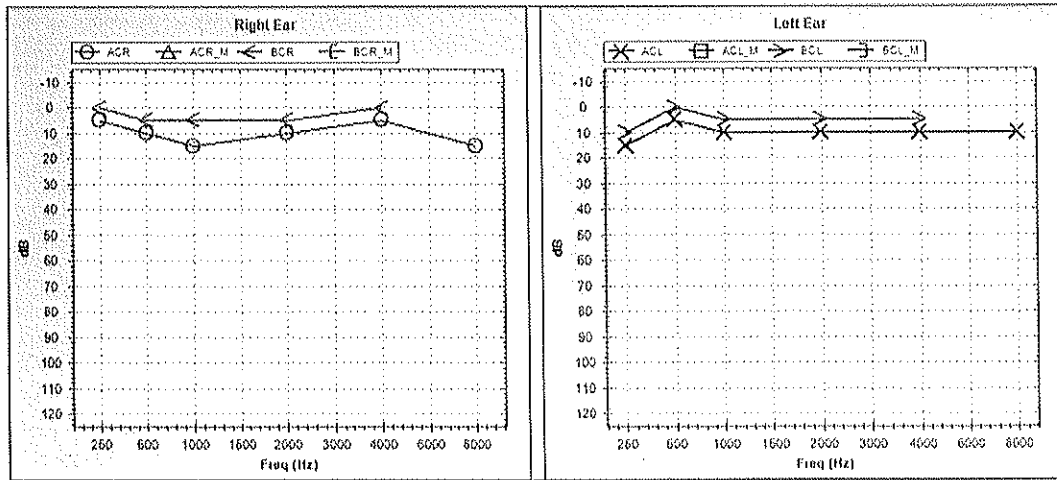
  
**Dr Kejal Patel**  
 MB,DO(Ophth)

CLIENT NAME:- ANGANA DAVE.

AGE:- 27Y/ F

DATE:- 27/08/2022.

## AUDIOGRAM



EAR	MODE	Air Conduction		Bone Conduction		Colour Code
		Masked	UnMasked	Masked	UnMasked	
LEFT		□	×	□	>	Blue
RIGHT		△	○	□	<	Red
NO RESPONSE: Add ↓ below the respective symbols						

Threshold In dB	RIGHT	LEFT
AIR CONDUCTION	10.5	10.5
BONE CONDUCTION		
SPEECH		

Comments:-

Bilateral Hearing Sensitivity Within Normal Limits.

